

Figure 1:

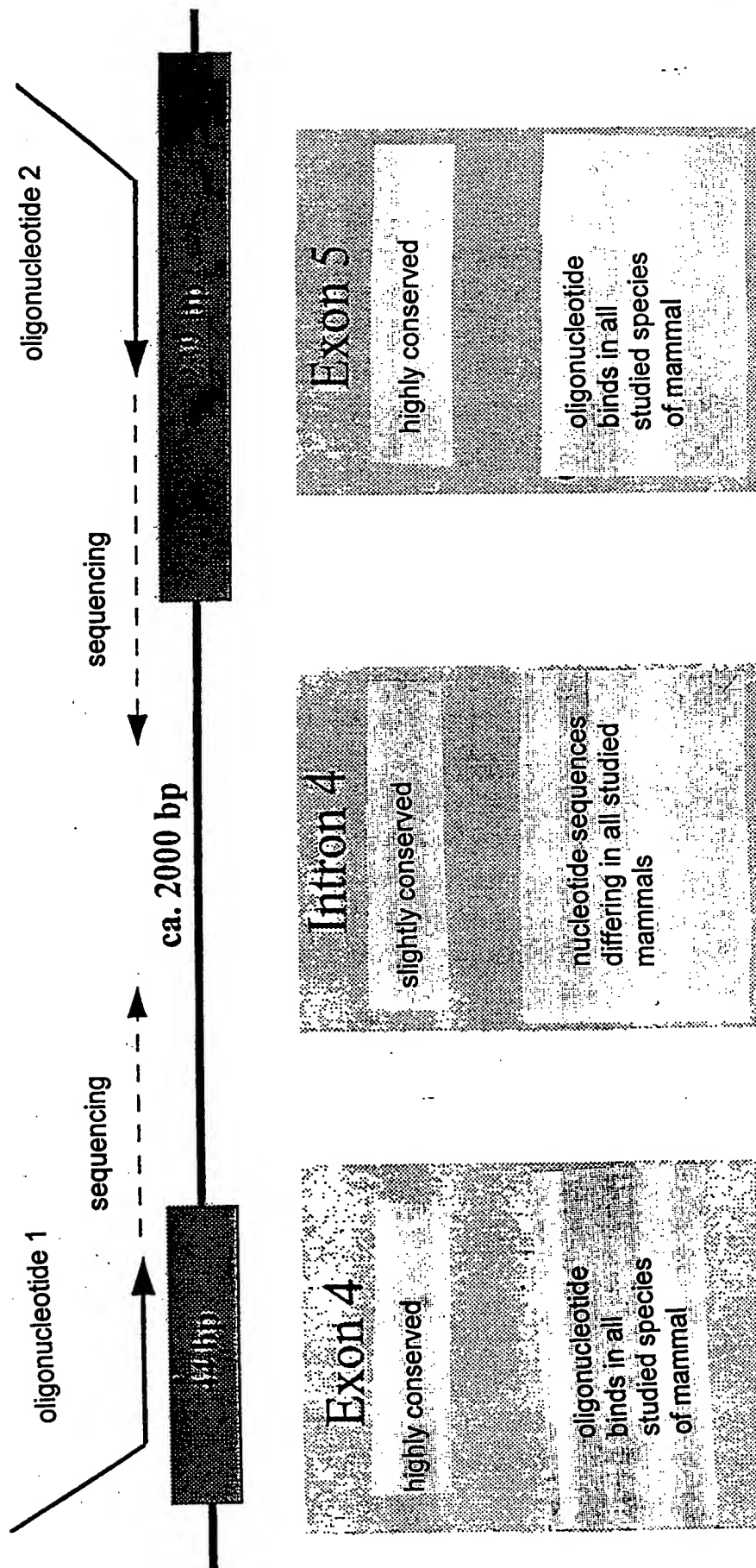


Figure 2

man	10	20	30	40	50	60	70
African elephant	...	...	...	...	...	...	...
	T..C..T..	A.....	C...A...	CTCT..	A.CC..	-G-..	C.-..
	...C..A..	C.....	A...T...	TAAG...	G.TT..	C.TA.C.	T.A.....
	...C..A..	C.....	A...T...	TAAG...	G.TT..	C.TA.C.	T.A.....
man	80	90	100	110	120	130	140
African elephant	...	...	...	...	...	...	...
	T.....	G.A....	CA.....	.....	G.....	.....	TT
	C.,...T.T.	A.G....	TG.....	.....	-.....	GG....	A-
man	150	160	170	180	190	200	210
African elephant	...	...	...	...	...	...	...
	.....	G.....	.....	A.....	.....	T.....	...
	.....	T.....	.....	G.....	.....	C.....	...
man	220	230	240	250	260	270	280
African elephant	...	...	...	...	...	...	...
	A.....	.....	.....	.....	.....	.....	...
	G.....	.....	.....	.....	.....	.....	...
man	290	300	310	320	330	340	350
African elephant	...	...	...	...	...	...	...
	.....	.....	.....	.....	A.....	A.....	...
	.....	.....	.....	.....	T.....	G.....	...

Figure 3

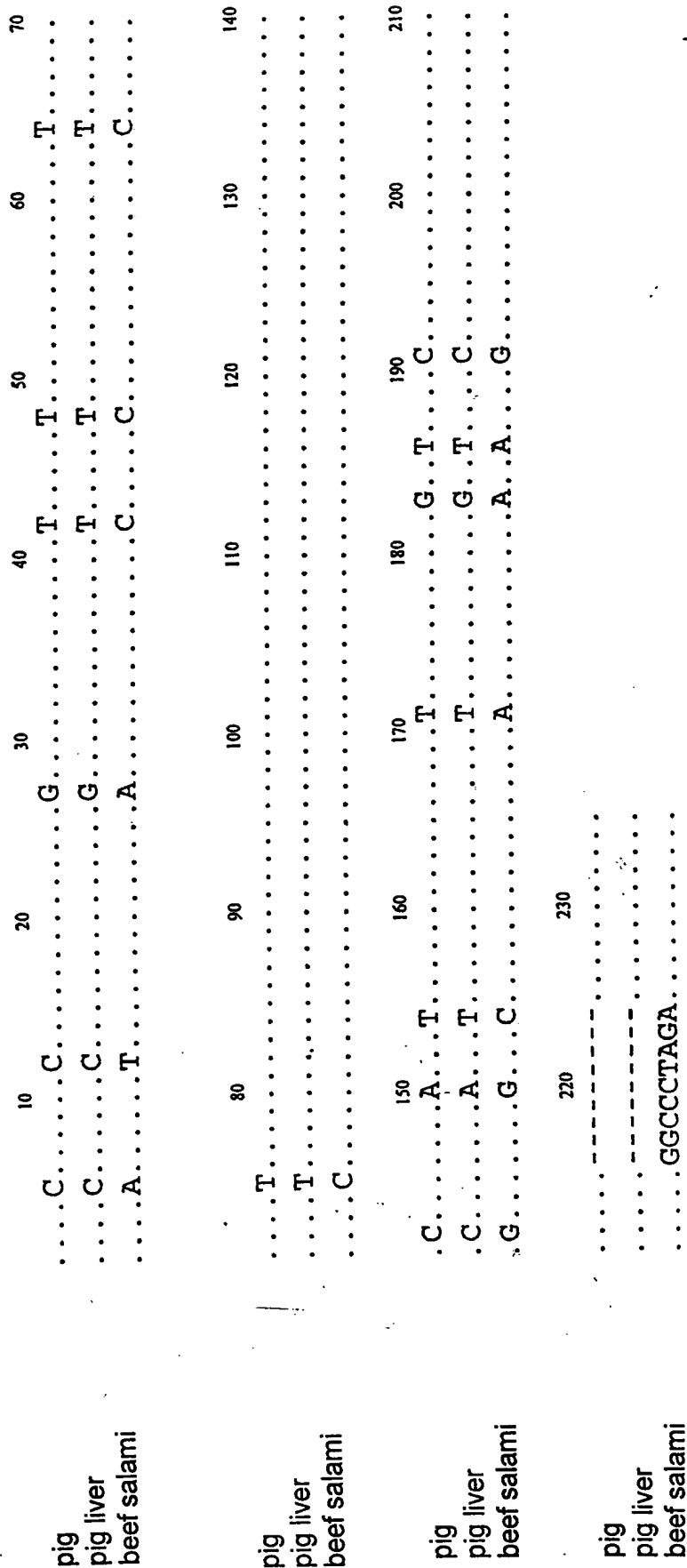


Figure 4: Positions of the hybridization probes in exon 5 of the PTEN gene, pseudogene and their homologues

	150	B1	B2	220
man pseudogene	ATATG TGCATATTTTATTACATCGGGGCAAAATT TTTA AAGGCACAAGAGGCCCTAGATTCTA TGGGGAAGT			
		C1	C2	
pig gene	ATTTG TGCATATTTTGTACATCGGGGTAATAATT TTTA AAGGCACAAGAGGCCCTAGATTCTA TGGGGAAGT			
		A1	A2	
pig pseudogene	ATTTG TGCATATTTGTTTCATCGGGGCAAAATT TTTAAAGGCACAAGA ----- TTTCTATGGGGA AGT			

Figure 5: Melting point panel

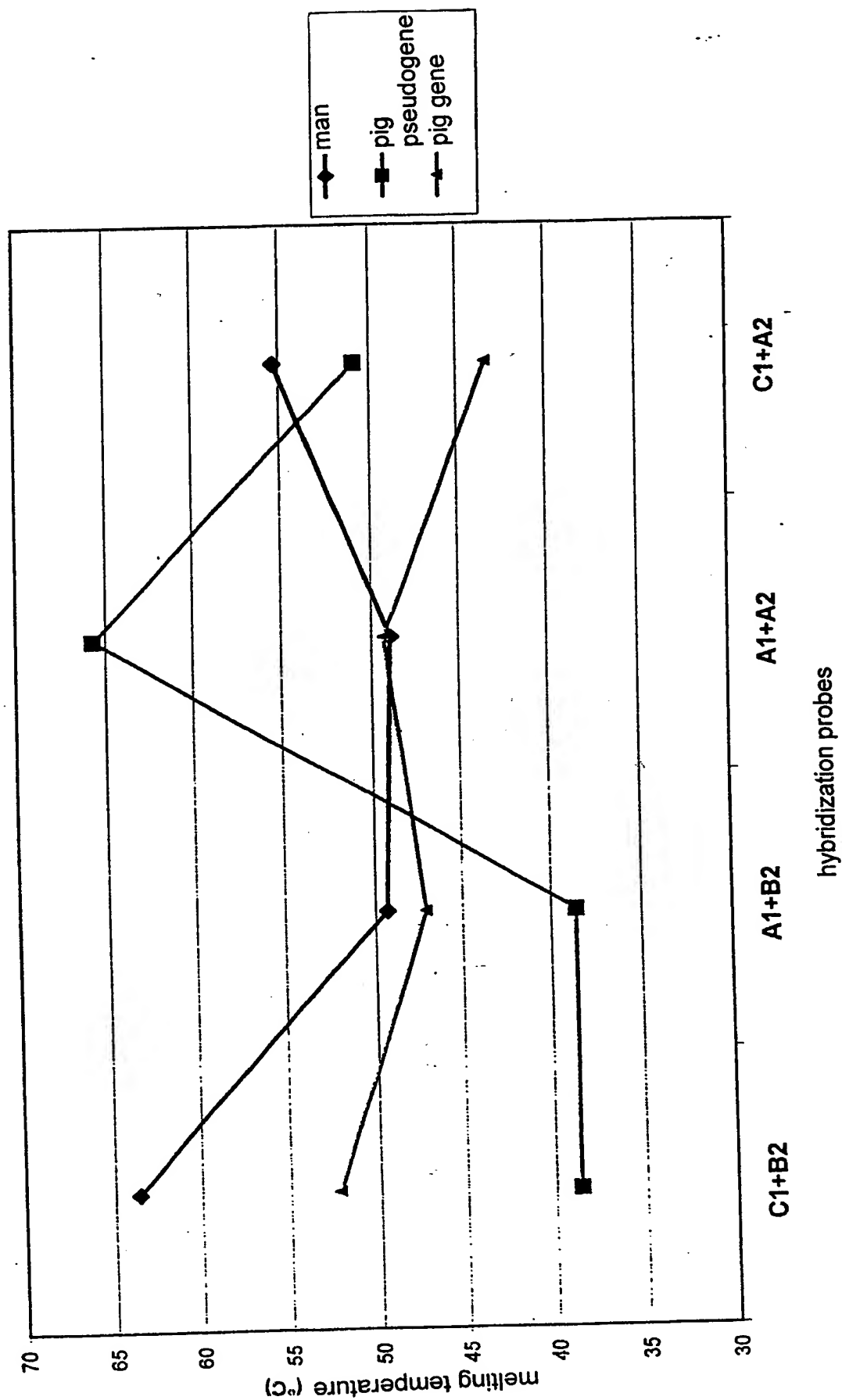


Figure 6: Melting point with probe A1 + A 2

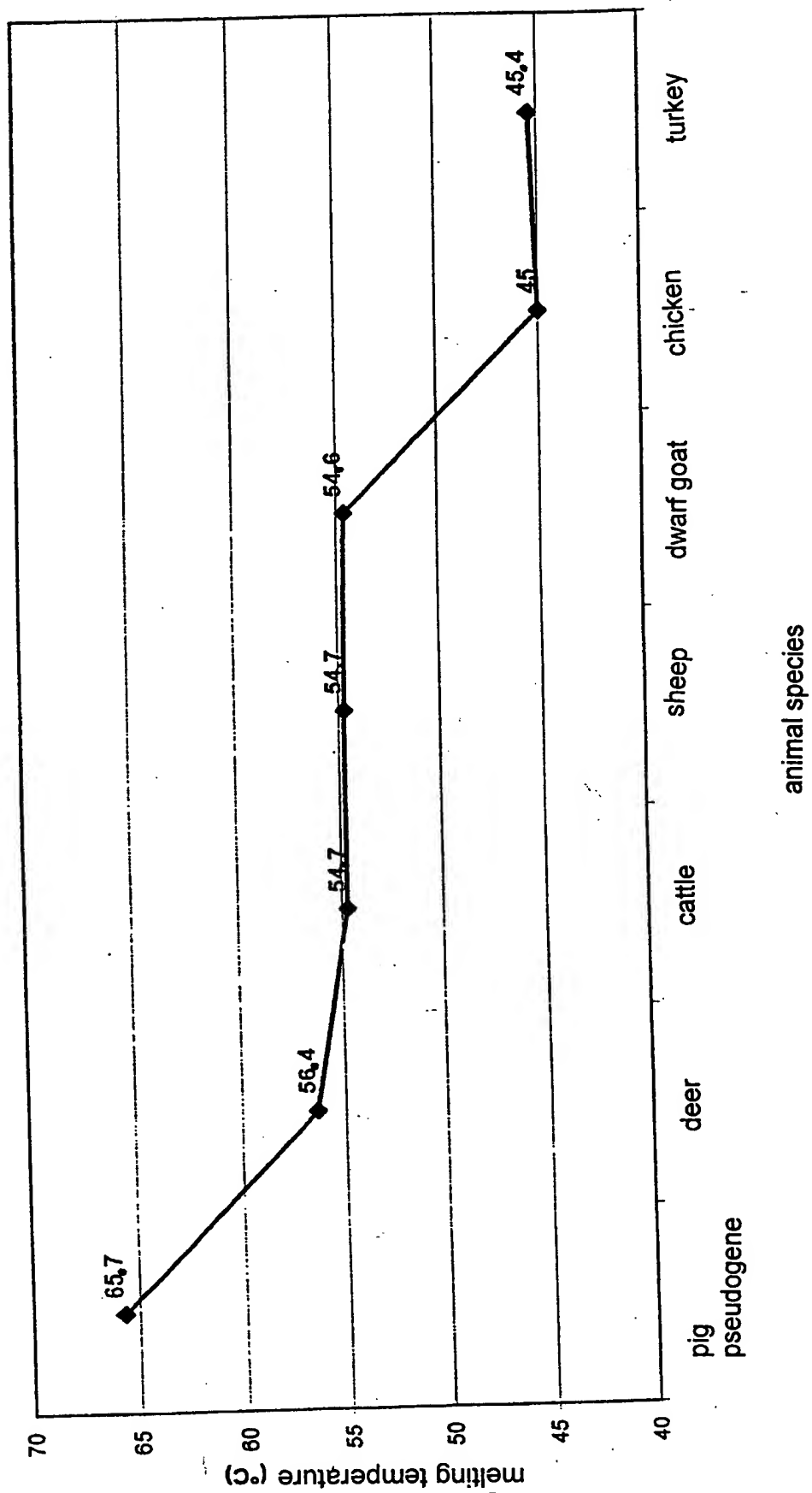


Figure 7: Melting point panel

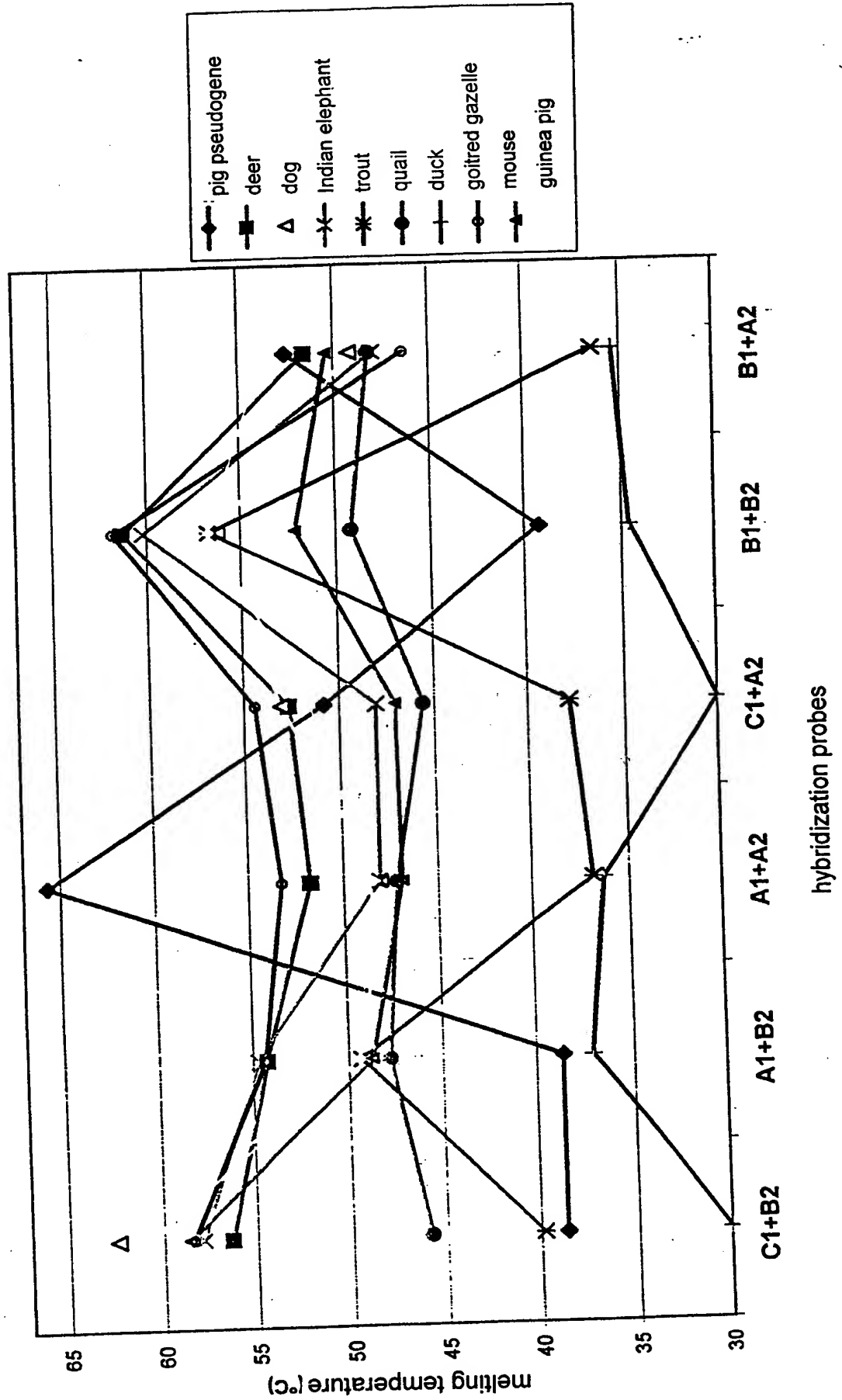


Figure 8: Standard deviations of select probes

